

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/052451

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	D06P5/00	D06P3/00	D06P3/02	D06P3/04	B41M5/00
	B41J2/14	C09D11/00			

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D06P B41M B41J C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 711 867 A1 (CANON KABUSHIKI KAISHA) 15 May 1996 (1996-05-15) page 4, line 50 - page 5, line 56; claims -----	10
X	US 6 426 766 B1 (SHIROTA KOROMO ET AL) 30 July 2002 (2002-07-30) column 2, line 24 - column 7, line 42; claims -----	10
X	EP 1 262 529 A1 (RICOH COMPANY, LTD) 4 December 2002 (2002-12-04) page 9, line 46 - line 48 page 10, line 11 - line 31; claims; examples ----- -/-	10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

28/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Koegler-Hoffmann, S

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PCT/EP2004/052451

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 924 335 A1 (CIBA SPECIALTY CHEMICALS HOLDING INC) 23 June 1999 (1999-06-23) page 8, line 53 – line 54; examples 3,5,7,9,11 page 9, paragraph 29 -----	1-10
Y	DE 199 30 995 A1 (CIBA SPECIALTY CHEMICALS HOLDING INC., BASEL) 13 January 2000 (2000-01-13) page 14, line 31 – page 19, line 44 page 23, line 3 – line 26 page 25, line 30 – line 40 -----	1-10
Y	WO 02/062905 A2 (AVECIA LIMITED; FERN, WILLIAM, ALBERT; GEARY, JOHN, MARTIN) 15 August 2002 (2002-08-15) page 2, line 9 – page 4, line 39; claims -----	1-10
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 528 (C-1258), 6 October 1994 (1994-10-06) & JP 06 184480 A (NIPPON KAYAKU CO LTD), 5 July 1994 (1994-07-05) abstract -----	10
Y	US 5 940 099 A (KARLINSKI ET AL) 17 August 1999 (1999-08-17) cited in the application the whole document -----	1-9
Y	US 6 439 702 B1 (KARLINSKI HAGGAI) 27 August 2002 (2002-08-27) cited in the application the whole document -----	1-9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052451

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0711867	A1	15-05-1996	JP DE DE US	8176971 A 69525020 D1 69525020 T2 5764261 A		09-07-1996 21-02-2002 27-06-2002 09-06-1998
US 6426766	B1	30-07-2002	JP JP JP JP AT AT CN CN DE DE DE DE DE EP EP KR	3005142 B2 7026476 A 2952133 B2 7026477 A 176014 T 240432 T 1310256 A 1120094 A , B 69416042 D1 69416042 T2 69432675 D1 69432675 T2 0633346 A2 0753621 A2 153396 B1		31-01-2000 27-01-1995 20-09-1999 27-01-1995 15-02-1999 15-05-2003 29-08-2001 10-04-1996 04-03-1999 01-07-1999 18-06-2003 15-04-2004 11-01-1995 15-01-1997 02-11-1998
EP 1262529	A1	04-12-2002	JP JP JP JP US	2003020426 A 2003096345 A 2003096355 A 2004043518 A 2003107632 A1		24-01-2003 03-04-2003 03-04-2003 12-02-2004 12-06-2003
EP 0924335	A1	23-06-1999	BR ID JP SG TR TW US	9805359 A 22076 A 11279958 A 79243 A1 9802615 A2 515859 B 6284004 B1		11-01-2000 02-09-1999 12-10-1999 20-03-2001 21-10-1999 01-01-2003 04-09-2001
DE 19930995	A1	13-01-2000	NONE			
WO 02062905	A2	15-08-2002	EP JP US	1379595 A2 2004529222 T 2004050288 A1		14-01-2004 24-09-2004 18-03-2004
JP 06184480	A	05-07-1994	JP	3130398 B2		31-01-2001
US 5940099	A	17-08-1999	IL CA DE DE EP HK JP JP US US US	106803 A 2128436 A1 69409887 D1 69409887 T2 0640481 A2 1008845 A1 3406694 B2 7148925 A 2003088969 A1 6481074 B1 6439702 B1		08-02-1998 26-02-1995 04-06-1998 27-08-1998 01-03-1995 21-05-1999 12-05-2003 13-06-1995 15-05-2003 19-11-2002 27-08-2002
US 6439702	B1	27-08-2002	IL US AT	106803 A 6481074 B1 265323 T		08-02-1998 19-11-2002 15-05-2004

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052451

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 6439702	B1	AU	7682900 A	08-05-2001
		DE	60010310 D1	03-06-2004
		EP	1226036 A1	31-07-2002
		WO	0130577 A1	03-05-2001
		JP	2003512211 T	02-04-2003
		CA	2128436 A1	26-02-1995
		DE	69409887 D1	04-06-1998
		DE	69409887 T2	27-08-1998
		EP	0640481 A2	01-03-1995
		HK	1008845 A1	21-05-1999
		JP	3406694 B2	12-05-2003
		JP	7148925 A	13-06-1995
		US	5940099 A	17-08-1999
		US	2003088969 A1	15-05-2003